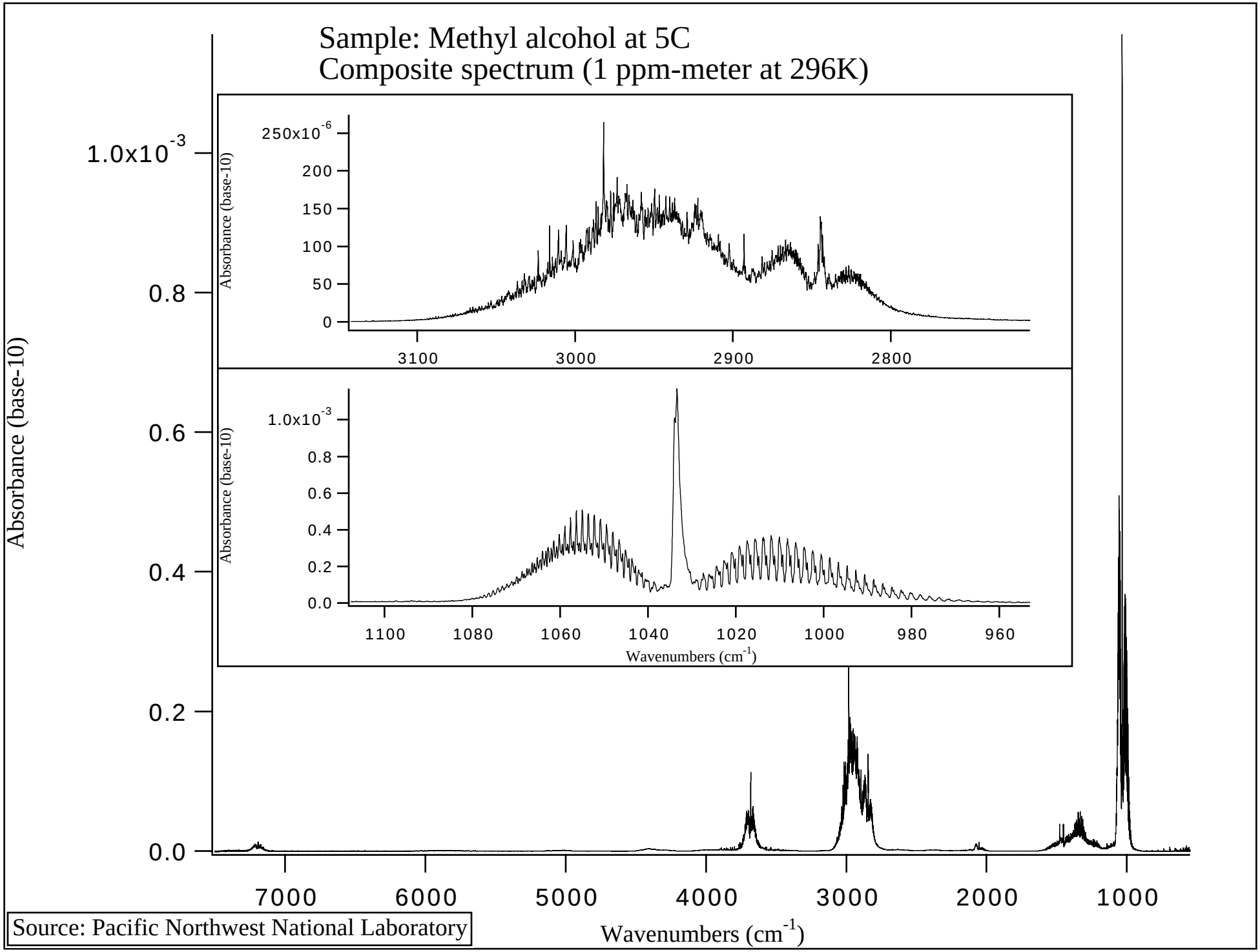
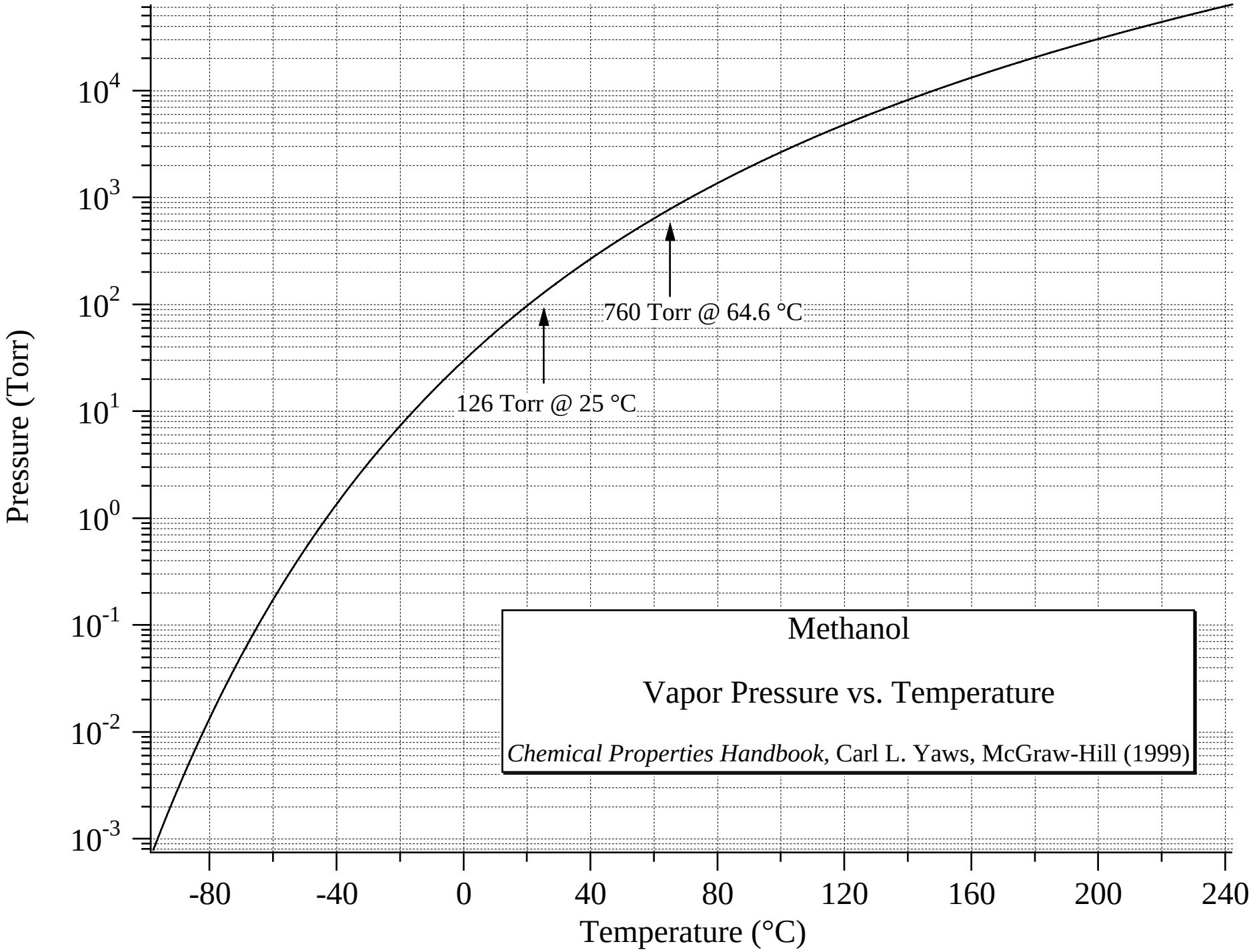

Sample: Methyl alcohol at 5C
Composite spectrum (1 ppm-meter at 296K)
Absorbance (base-10)
1.0x10-3
0.8
0.6
0.4
0.2
0.0
7000
6000
5000
4000
3000
2000
1000
Wavenumbers (cm-1)
250x10-6
200
150
100
50
0
3100
3000
2900
2800
1.0x10-3
0.8
0.6
0.4
0.2
0.0
1100
1080
1060
1040
1020
1000
980
960
Wavenumbers (cm-1)
Source: Pacific Northwest National Laboratory


Methanol
Vapor Pressure vs. Temperature
Chemical Properties Handbook, Carl L. Yaws, McGraw-Hill (1999)
760 Torr @ 64.6 °C
126 Torr @ 25 °C
Pressure (Torr)
10^{4}
10^{3}
10^{2}
10^{1}
10^{0}
10^{-1}
10^{-2}
10^{-3}
-80
-40
0
40
80
120
160
200
240
Temperature (°C)